

THE
AMERICAN
NAIL AND NAIL MACHINE
MANUFACTURING COMPANY,
OF
PENNSYLVANIA AND MARYLAND.

*The Works to be located at
Harrisburg*

PHILADELPHIA:
H. G. LEISENRING'S STEAM-POWER PRINTING HOUSE,
Jayne's Building, Nos. 237 and 239 Dock Street.
1865.

CAPITAL STOCK, \$300,000.

6,000 SHARES, - - - PAR VALUE, \$50.

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Books for subscription to Capital Stock now open at the Banking House of

ADAMS & LEVITS, No. 305 Chestnut St., Philadelphia.
At the Office of R. G. RIEMAN & Co., No. 28 South St., Baltimore.
And at the Office of JOHN W. HALL, Treasurer, Harrisburg, Pa.



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THE AMERICAN NAIL
AND
NAIL MACHINE MANUFACTURING COMPANY,
OF
PENNSYLVANIA AND MARYLAND,

Respectfully invite the attention of nail manufacturers and all persons interested in the production, sale or use of nails, to their Patent Nail Machine and Grinder, and to the advantages of their Machines over others now in use—a drawing of which accompanies this circular.

NAIL MACHINE.

The Nail Machine is self-feeding, with an automatic lateral motion of the nail-plate, and is a double header.

In the ordinary machines in use, a man or boy is required to tend each machine. One man or boy can take care of and run *three* or *four* of *our machines*, according to the size of the nails.

In the machines in use, a boy of ordinary intelligence will be on an average at least sixty days in learning to operate the machine so as to make perfect nails. In the meantime he makes bad nails enough to pay for one of *our machines*. The imperfect nails which are thus produced must be a loss to either producer or consumer.

Our machine being self-feeding, and requiring only to have the nail-plate placed properly in position, a man or boy of ordinary intelligence, can, in a few hours, learn to tend it, and is in no danger of making imperfect nails. Experienced nailers who have examined the operation of *our machine* give it as their opinion that it will produce from five to ten per cent. less bad or imperfect nails than the machines generally used.

In other machines, the header moves in a circle and does not strike the die flat and square. Hence the header is worn uneven, soon makes an imperfect head, and usually requires to be moved after cutting about 50 lbs. and to be ground when the circle has made a revolution.

In our machine the header moves at right angles to the die, makes a very perfect head, and without change or grinding will head perfectly tons of nails.

CUTTER AND DIE-GRINDERS.

In most nail mills, knives and dies are ground on stones in a separate apartment, in consequence of the cumbrous machinery and the dust caused by the use of dry stones. The grinding is done by the eye, and the edges may or may not be ground so as to match. If not, the experiment must be tried over again, and in the meantime the machine stands still. It usually requires a man to grind and put in place the knives and dies for three machines.

Our Grinding Machine is compact. From the use of emery wheels, very little dust is produced, and the grinders can, without any inconvenience, be placed and used in the same room with the nail machines.

The griping dies are ground on our machine with great rapidity and perfect accuracy. The knives are ground almost instantly, and to the precise *curve and angle* required.

It is estimated that a competent man or boy can grind the knives for not less than *thirty* machines in full operation. The knives are ground with perfect accuracy, may be ground in advance in any number, and any pair for a machine of the same size cannot fail to match, and thus much stopping of the machine is avoided.

The advantages that we claim for our machines over any others in use, are

That they produce a more perfect nail, with a better head, and fewer imperfect nails ;

That they effect a saving of not less than seventy-five per cent. in the expense of grinding knives and dies ;

That they effect a saving of from fifty to seventy-five per cent. in the labor of cutting nails,

And they will produce from thirty to forty per cent. more nails than the most approved machines now in general use.

We have caused the machines to be examined, operated and thoroughly tested by the most experienced mechanics and practical nailers that we could procure. We have adopted all the improvements suggested by them in the patterns and construction, and now, after careful preparation, appeal to the public.

The President and Directors take pleasure in recommending the stock of this Company to their friends and the public, feeling assured that it will prove a profitable and safe investment, and one that will pay a dividend of from 20 to 30 per cent. on the amount invested.

We propose to sell rights, either absolutely, or for an agreed royalty, for any County in the States of Pennsylvania or Maryland.

We will furnish machines, or the purchasers may furnish their own, as they prefer.

We respectfully invite all persons interested in the production or use of nails, to call on Messrs. Adams & Levis, No. 305 Chestnut Street, Philadelphia, who will take pleasure in furnishing further information, and will exhibit the machines now in operation and making nails.